

IN THE SPECIFICATION

Page 21, line 11, change "quatization" to --quantization--.

IN THE CLAIMS

Please amend claim 2 by rewriting same to read as follows  
and cancel claim 1, without prejudice or disclaimer.

1  
~~2.~~ (Twice Amended) [The] A vector search method [as  
claimed in Claim 1, wherein] for obtaining an optimal sound  
source vector in vector quantization, in which a difference error  
between a prediction vector and an input vector is calculated in  
such a way that combinations of factors respectively multiplied  
by a plurality of basic vectors are changed according to the Gray  
code, the method comprising the steps of:

obtaining an intermediate value  $G_u$ , obtained] by  
calculation of a synthetic vector created according to a sign  
word  $u$  of the Gray code[, is expressed];

expressing said value  $G_u$  by an intermediate value  $G_i$ ,  
obtained by [a] calculation of a synthetic vector created  
according to an adjacent sign word  $i$  different from said sign  
word  $u$  only in a predetermined bit position  $v$ , and a change  $\Delta G_u$   
calculated by utilizing the Gray code characteristic[, and];